

L Number	Hits	Search Text	DB	Time stamp
1	3	miniPACS	USPAT; US-PGPUB	2004/11/02 09:12
2	36365	image and library	USPAT; US-PGPUB	2004/11/02 09:12
3	30165	(image and library) and computer	USPAT; US-PGPUB	2004/11/02 09:12
4	7031	((image and library) and computer) and network and (client and server)	USPAT; US-PGPUB	2004/11/02 09:12
5	6895	((((image and library) and computer) and network and (client and server)) and (render or rendering or process))	USPAT; US-PGPUB	2004/11/02 09:13
6	287	(((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and (state near3 parameters))	USPAT; US-PGPUB	2004/11/02 09:13
7	75	((((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and (state near3 parameters)) and 709.clas.	USPAT; US-PGPUB	2004/11/02 09:14
11	2	("5448686"   "6088040").PN.	USPAT	2004/11/02 09:14
12	10	6088040.URPN.	USPAT	2004/11/02 09:14
13	4898	(((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter	USPAT; US-PGPUB	2004/11/02 10:11
14	2597	((((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (user near3 display)	USPAT; US-PGPUB	2004/11/02 10:11
15	1293	((((((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (user near3 display)) and (manipulate or rotate)	USPAT; US-PGPUB	2004/11/02 10:12
16	10	(((((((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (user near3 display)) and (manipulate or rotate)) and (multiple near2 image near2 view)	USPAT; US-PGPUB	2004/11/02 10:12
20	5	("5680619"   "5802296"   "5878415"   "5907704"   "5926179").PN.	USPAT	2004/11/02 10:13
21	16	5802296.URPN.	USPAT	2004/11/02 10:13
22	63	(((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (image adj control)	USPAT; US-PGPUB	2004/11/02 10:14
29	2	("5448686"   "6088040").PN.	USPAT	2004/11/02 10:22
30	41	5448686.URPN.	USPAT	2004/11/02 10:22
33	0	6407743.URPN.	USPAT	2004/11/02 10:23

34	22	("4291380"   "4646251"   "4715005"   "4727365"   "4821212"   "4888713"   "4912659"   "4912664"   "4933889"   "5367615"   "5448686"   "5745666"   "5760783"   "5808621"   "5831624"   "5847712"   "5960099"   "5986675"   "6054999"   "6064383"   "6081269"   "6108655").PN.	USPAT	2004/11/02 10:23
35	1713	(((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)	USPAT; US-PGPUB	2004/11/02 10:24
36	395	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 709.clas.	USPAT; US-PGPUB	2004/11/02 10:51
37	39	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 709/201.ccls.	USPAT; US-PGPUB	2004/11/02 10:54
39	34	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 709/202.ccls.	USPAT; US-PGPUB	2004/11/02 10:54
40	121	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 709/203.ccls.	USPAT; US-PGPUB	2004/11/02 10:54
41	5	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 709/213.ccls.	USPAT; US-PGPUB	2004/11/02 10:54
42	68	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 709/217.ccls.	USPAT; US-PGPUB	2004/11/02 10:54
43	35	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 709/218.ccls.	USPAT; US-PGPUB	2004/11/02 10:54
44	36	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 709/219.ccls.	USPAT; US-PGPUB	2004/11/02 10:54
45	15	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 709/230.ccls.	USPAT; US-PGPUB	2004/11/02 10:54
46	14	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 709/231.ccls.	USPAT; US-PGPUB	2004/11/02 10:54
47	6	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 709/232.ccls.	USPAT; US-PGPUB	2004/11/02 10:55

48	16	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 709/246.ccls.	USPAT; US-PGPUB	2004/11/02 10:55
49	2	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 345/418.ccls.	USPAT; US-PGPUB	2004/11/02 10:55
50	11	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 345/419.ccls.	USPAT; US-PGPUB	2004/11/02 10:55
52	3	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 345/660.ccls.	USPAT; US-PGPUB	2004/11/02 10:55
51	1	((((image and library) and computer) and network and (client and server)) and (render or rendering or process)) and parameter) and (display and manipulate)) and 345/581.ccls.	USPAT; US-PGPUB	2004/11/02 10:55
-	6	6222551.pn. 5941945.pn. 5974446.pn. 6088702.pn. 6105055.pn. 6166732.pn.	USPAT; US-PGPUB	2004/11/02 10:13
-	3	6222551.URPN.	USPAT	2004/10/25 09:55
-	0	"09434088"	USPAT; US-PGPUB	2004/10/28 15:26
-	9	"434088"	USPAT; US-PGPUB	2004/10/28 15:26
-	41	5946697.URPN.	USPAT	2004/11/02 09:14

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)
**IEEE Xplore**  
RELEASE 1.0

 Welcome  
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

 Your search matched **11** of **1088345** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.


☐ Check to search within this result set

**Results Key:**
**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

**1 A distributed, parallel, interactive volume rendering package**
*Rowlan, J.S.; Lent, G.E.; Gokhale, N.; Bradshaw, S.;*

Visualization, 1994., Visualization '94, Proceedings., IEEE Conference on , 17-Oct. 1994

Pages:21 - 30, CP2

[\[Abstract\]](#)
[\[PDF Full-Text \(632 KB\)\]](#)
**IEEE CNF**
**2 Visualization blackboard-visualizing bioelectric fields**
*MacLeod, R.S.; Johnson, C.R.; Matheson, M.A.;*

 Computer Graphics and Applications, IEEE , Volume: 13 , Issue: 4 , July 1993  
 Pages:10 - 12

[\[Abstract\]](#)
[\[PDF Full-Text \(296 KB\)\]](#)
**IEEE JNL**
**3 The texture animator**
*Strnad, D.; Guid, N.;*

Information Technology Interfaces, 2000. ITI 2000. Proceedings of the 22nd International Conference on , 13-16 June 2000

Pages:247 - 252

[\[Abstract\]](#)
[\[PDF Full-Text \(572 KB\)\]](#)
**IEEE CNF**
**4 Multi-resolution cache management in digital virtual library**
*Chim, J.H.P.; Lau, R.W.H.; Va Leong, H.; Si, A.;*

Research and Technology Advances in Digital Libraries, 1998. ADL 98. Proceedings IEEE International Forum on , 22-24 April 1998

Pages:66 - 75

[\[Abstract\]](#)
[\[PDF Full-Text \(1944 KB\)\]](#)
**IEEE CNF**

---

**5 Applications: putting the visible human to work***Sims, D.;*

Computer Graphics and Applications, IEEE , Volume: 16 , Issue: 1 , Jan. 1996  
Pages:14 - 15

[\[Abstract\]](#)   [\[PDF Full-Text \(928 KB\)\]](#)   **IEEE JNL**

---

**6 Architecture of an image rendering co-processor for MPEG-4 system***Berekovic, M.; Pirsch, P.; Selinger, T.; Wels, K.-I.; Miro, C.; Lafage, A.; Heer, Ghigo, G.;*

Application-Specific Systems, Architectures, and Processors, 2000. Proceeding IEEE International Conference on , 10-12 July 2000

Pages:15 - 24

[\[Abstract\]](#)   [\[PDF Full-Text \(308 KB\)\]](#)   **IEEE CNF**

---

**7 Parallel raytracing: a case study on partitioning and scheduling on workstation clusters***Freisleben, B.; Hartmann, D.; Kielmann, T.;*

System Sciences, 1997, Proceedings of the Thirtieth Hawaii International Conference on , Volume: 1 , 7-10 Jan. 1997

Pages:596 - 605 vol.1

[\[Abstract\]](#)   [\[PDF Full-Text \(1128 KB\)\]](#)   **IEEE CNF**

---

**8 Improved specular highlights with adaptive shading***Youngkwan Cho; Neumann, U.; Jongwook Woo;*

Computer Graphics International, 1996. Proceedings , 24-28 June 1996

Pages:38 - 46

[\[Abstract\]](#)   [\[PDF Full-Text \(1116 KB\)\]](#)   **IEEE CNF**

---

**9 Parallel ray tracing using processor farming model***Hyo Jong Lee; Lim, B.H.;*

Parallel Processing Workshops, 2001. International Conference on , 3-7 Sept.

Pages:59 - 63

[\[Abstract\]](#)   [\[PDF Full-Text \(456 KB\)\]](#)   **IEEE CNF**

---

**10 SystemC based architecture exploration of a 3D graphic processor***Kogel, T.; Wieferink, A.; Meyr, H.; Kroll, A.;*

Signal Processing Systems, 2001 IEEE Workshop on , 26-28 Sept. 2001

Pages:169 - 176

[\[Abstract\]](#)   [\[PDF Full-Text \(472 KB\)\]](#)   **IEEE CNF**

---

**11 A graphics library to meet the challenge of changing hardware***Brown, M.; Hawes, D.; Rigby, C.; Rosner, P.;*

Computer Graphics Systems, IEE Colloquium on , 15 Jan 1992

Pages:9/1 - 9/3

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE


[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)
**IEEE Xplore**  
RELEASE 1.0

 Welcome  
 United States Patent and Trademark Office


» See

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

**Tables of Contents**

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

**Search**

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

**Member Services**

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

**IEEE Enterprise**

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

 Your search matched **327** of **1088345** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.


☐ Check to search within this result set

**Results Key:**
**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

**1 An imaging library for a TriCore based digital camera**
*Chihoub, A.; Bai, Y.J.; Ramesh, V.;*

Computer Architectures for Machine Perception, 2000. Proceedings. Fifth IEEE International Workshop on , 11-13 Sept. 2000

Pages:3 - 11

[\[Abstract\]](#)
[\[PDF Full-Text \(748 KB\)\]](#)
**IEEE CNF**
**2 An imaging library for a digital still camera**
*Chihoub, A.; Bai, Y.J.;*

 Consumer Electronics, IEEE Transactions on , Volume: 46 , Issue: 4 , Nov. 20  
 Pages:1073 - 1081

[\[Abstract\]](#)
[\[PDF Full-Text \(932 KB\)\]](#)
**IEEE JNL**
**3 Pacco-a new approach for an effective IP environment**
*Biancardi, A.; Rubini, A.;*

Pattern Recognition, 1994. Vol. 3 - Conference C: Signal Processing, Proceedings of the 12th IAPR International Conference on , October 9-13, 1994

Pages:395 - 398 vol.3

[\[Abstract\]](#)
[\[PDF Full-Text \(416 KB\)\]](#)
**IEEE CNF**
**4 Document image decoding in the Berkeley Digital Library**
*Kopec, G.E.;*

Image Processing, 1996. Proceedings., International Conference on , Volume: 1 , 16-19 Sept. 1996

Pages:769 - 772 vol.2

[\[Abstract\]](#)
[\[PDF Full-Text \(420 KB\)\]](#)
**IEEE CNF**

---

**5 The RightPages image-based electronic library for alerting and browsing**  
*Story, G.A.; O'Gorman, L.; Fox, D.; Schaper, L.L.; Jagadish, H.V.;*  
Computer , Volume: 25 , Issue: 9 , Sep 1992  
Pages:17 - 26

[\[Abstract\]](#) [\[PDF Full-Text \(1124 KB\)\]](#) **IEEE JNL**

---

**6 A collaborative supporting method between document processing and hypertext construction**  
*Sato, S.; Takasu, A.; Katsura, E.;*  
Document Analysis and Recognition, 1993., Proceedings of the Second International Conference on , 20-22 Oct. 1993  
Pages:533 - 536

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) **IEEE CNF**

---

**7 The design and implementation of a portable image processing algorithms library (IPAL) in FORTRAN and C**  
*Carter, M.K.; Crennell, K.M.; Golton, E.; Maybury, R.; Bartlett, A.; Hammarlin Oldfield, R.;*  
Image Processing and its Applications, 1989., Third International Conference on , 18-20 Jul 1989  
Pages:516 - 520

[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) **IEEE CNF**

---

**8 Transparent parallel image processing by way of a familiar sequential API**  
*Seinstra, F.J.; Koelma, D.;*  
Pattern Recognition, 2000. Proceedings. 15th International Conference on , Volume: 4 , 3-7 Sept. 2000  
Pages:824 - 827 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(360 KB\)\]](#) **IEEE CNF**

---

**9 A new methodology and generic model library for the rapid prototyping of real-time image processing systems**  
*Gibson, D.J.; Teal, M.K.; Ait-Boudaoud, D.; Winchester, M.;*  
VHDL International Users' Forum, 1997. Proceedings , 19-22 Oct. 1997  
Pages:268 - 277

[\[Abstract\]](#) [\[PDF Full-Text \(1100 KB\)\]](#) **IEEE CNF**

---

**10 A library of memory controllers for an image processing prototyping system**  
*Lisa-Mingo, F.; Carrabina, J.;*  
Rapid System Prototyping, 1998. Proceedings. 1998 Ninth International Workshop on , 3-5 June 1998  
Pages:188 - 193

[\[Abstract\]](#) [\[PDF Full-Text \(180 KB\)\]](#) **IEEE CNF**

---

**11 PhotoFile: a digital library for image retrieval***Flank, S.; Martin, P.; Balogh, A.; Rothey, J.;*

Multimedia Computing and Systems, 1995., Proceedings of the International Conference on , 15-18 May 1995

Pages:292 - 295

[\[Abstract\]](#) [\[PDF Full-Text \(528 KB\)\]](#) IEEE CNF**12 A document understanding method for database construction of an electronic library***Takasu, A.; Satoh, S.; Katsura, E.;*

Pattern Recognition, 1994. Vol. 2 - Conference B: Computer Vision &amp; Image Processing., Proceedings of the 12th IAPR International. Conference on , Volume 2 , 9-13 Oct. 1994

Pages:463 - 466 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) IEEE CNF**13 Portable tools for image processing instruction***Bamberger, R.H.;*

Image Processing, 1994. Proceedings. ICIP-94., IEEE International Conference , Volume: 1 , 13-16 Nov. 1994

Pages:525 - 529 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) IEEE CNF**14 A library-based program development environment for parallel image processing***Jamieson, L.H.; Delp, E.J.; Patel, J.N.; Chao-Chun Wang; Khokhar, A.A.;*

Scalable Parallel Libraries Conference, 1993., Proceedings of the , 6-8 Oct. 1993

Pages:187 - 194

[\[Abstract\]](#) [\[PDF Full-Text \(592 KB\)\]](#) IEEE CNF**15 Image and document processing techniques for the RightPages electronic library system***O'Gorman, L.;*

Pattern Recognition, 1992. Vol.II. Conference B: Pattern Recognition Methods and Systems, Proceedings., 11th IAPR International Conference on , 30 Aug.-Sept. 1992

Pages:260 - 263

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) IEEE CNF[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) [21](#) [22](#) [N](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.